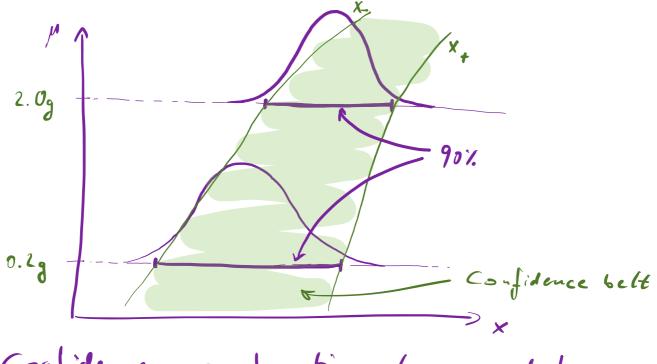
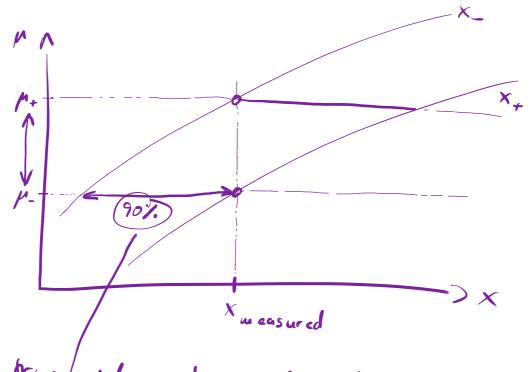
8. 2. 2 Interpreting experiments: The wall hypothesis: Ho Ho: Formulate opposite hypothesis to the theory we want to first and aim to falsify this hypothesis. 9.1.2 Considence belts giren a true value pe can write PDF for x: P(K, M) Lo could be Gaussian Poissou Lo likely peak war x= m falling off either side 90% central interval for illustration P(x;4)



Confidence construction heppens defore any measurement



The true value of  $\mu$  lies between  $\mu$  and  $\mu_{+}$  with 90% probability.

Note: This is a statement about  $\mu_{\pm}$  but not about the true value itself!